

**II. CLAIM AMENDMENTS**

1. (Currently Amended) An optical measuring device for providing a measurement of an optical device under test -DUT- comprising:

a measuring unit adapted for providing an optical stimulus signal for the DUT and/or receiving a response signal of the DUT, and

a visual fault localization unit adapted for transmitting a visual light into the DUT that will emit from fault locations visually localizing faults within the DUT or a connection thereto, for visually localizing faults.

2. (Previously Presented) The optical measuring device of claim 1, wherein the measuring unit and the visual fault localization unit are coupled to a signal direction unit, and the signal direction unit is further coupled to a connector representing an interface of the optical measuring device for coupling the DUT thereto.

3. (Previously Presented) The optical measuring device of claim 2, wherein the signal direction unit is adapted to provide a signal direction for optical signals received by the measuring device at the connector.

4. (Currently Amended) The optical measuring device of claim 2, wherein the signal direction unit is adapted to provide a signal direction for optical signals provided by the measuring unit and/or the visual fault localization unit through the

connector towards the DUT and/or any optical network connected therebetween.

5. (Previously Presented) The optical measuring device of claim 2, wherein the signal direction unit comprises at least one of a switch or a coupling unit.
6. (Previously Presented) The optical measuring device of claim 2, wherein the signal direction unit is provided to allow both the visual fault localization unit and the measuring unit to couple optical signals to the connector, and to direct substantially all optical signals received by the measuring device at the connector to the measuring unit.
7. (Currently Amended) The optical measuring device of claim 1, wherein the visual fault localization unit comprises a visual light source, ~~preferably a red light source.~~
8. (Previously Presented) The optical measuring device of claim 1, wherein the response signal is at least one of a signal emitted from the DUT or a signal of the DUT in response to an applied stimulus signal.
9. (Previously Presented) The optical measuring device of claim 1, wherein the DUT comprises at least one of a discrete optical component, a fiber, or a fiber network with or without discrete optical components.
10. (Previously Presented) The optical measuring device of claim 1 being one of an time domain reflectometer, preferably an optical time domain reflectometer, a WDM-tester, a chromatic dispersion tester, a polarization mode dispersion (PMD) tester, a loss tester, a multi-path interference tester.

11. (New) The optical measuring device of claim 1, wherein the visual fault localization unit comprises a red light source.